John D. Marinaro, Executive Director
NASA Aerospace Safety Advisory Panel

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Mr. John D. Marinaro is the Executive Director of the NASA Aerospace Safety Advisory Panel. Prior to this assignment, from 2003 to 2005, he served as the Manager for NASA's Independent Verification and Validation (IV&V) Services at the NASA IV&V Facility in Fairmont, West Virginia. In this position he was responsible for managing the IV&V Services for all NASA missions with critical and safety related software that were selected for IV&V. Mr. Marinaro had as many as 38 active IV&V projects, 21 Civil Servants, approximately 130 contractors and managed an annual budget of over $20,000,000. Two of the active projects included the Space Shuttle and the International Space Station.

From 2000 to 2003, Mr. Marinaro was an IV&V Project Manager and the Facility's New Business Lead. As an IV&V Project Manager, he managed software IV&V projects that included the TIMED, MAP, QuikTOMS, HESSI, AQUA missions. As the Facility New Business Lead, he worked with Safety and Mission Assurance organizations at all NASA Centers to identify missions that were candidates for IV&V Services. He also advocated the capabilities and benefits of IV&V for NASA mission offices and provided IV&V estimates for organizations bidding on NASA Announcements of Opportunity for future aeronautic, space and earth science missions.

From 1992 to 1994 and 1996 – 2000, Mr. Marinaro worked for the Federal Aviation Administration as a Product Team Lead, Implementation Lead and Systems Engineer for Air Traffic Control Radars and provided/managed contractor support to the Office of Accident Investigation. Mr. Marinaro served as the Integrated Product Team Lead for the Mode-S Secondary Surveillance Air Traffic Control Radar (148 systems/sites nationwide) during the final deployment phase and oversaw two major hardware/software operational retrofits. He served as the Implementation Lead for the following ATC Radar programs: Airport Movement Area Safety System (AMASS); ATC Beacon Interrogator-6; and, the Precision Runway Monitor Radar for closely spaced parallel approaches. Prior to his leadership assignments, he was the on-site lead engineer for a research and development, Airport Surface Detection Equipment Radar demonstration at Salt Lake City International Airport. His Accident Investigation Office support included Administrator Fact Book development for all major accidents, FAA regional quarterly accident statistics, the improved national Accident and Incident Data System and ad-hoc support to accident investigators for major accidents and accident trends.

From 1988 to 1992, Mr. Marinaro provided engineering support to the Naval Air Systems Command's Catapult and Arresting Gear Program Office and Marine Corps Expeditionary Airfield Program Office for R&D engineering efforts, implementation and augmented a team that conducted a feasibility study for a mobile, floating airfield contingency concept big enough to operate a joint aviation force (including C-5 aircraft).

Mr. Marinaro also has over 21 years serving in the U.S. Marine Corps, Navy and Army National Guard. Mr. Marinaro received his commission in the Maryland Army National Guard and attended Army Aviation Flight Training. He is currently a Major, a helicopter pilot and the Battalion Operations Officer for the aviation training battalion in the West Virginia Army National Guard.

Mr. Marinaro received a Masters of Aeronautical Science from Embry-Riddle Aeronautical University in 1992 and Bachelor of Science in Electronics from the Southern Illinois University in 1989. He attended the NASA Managing the Influence Process Program this year and is a graduate of Army Combined Arms Staff Services School.